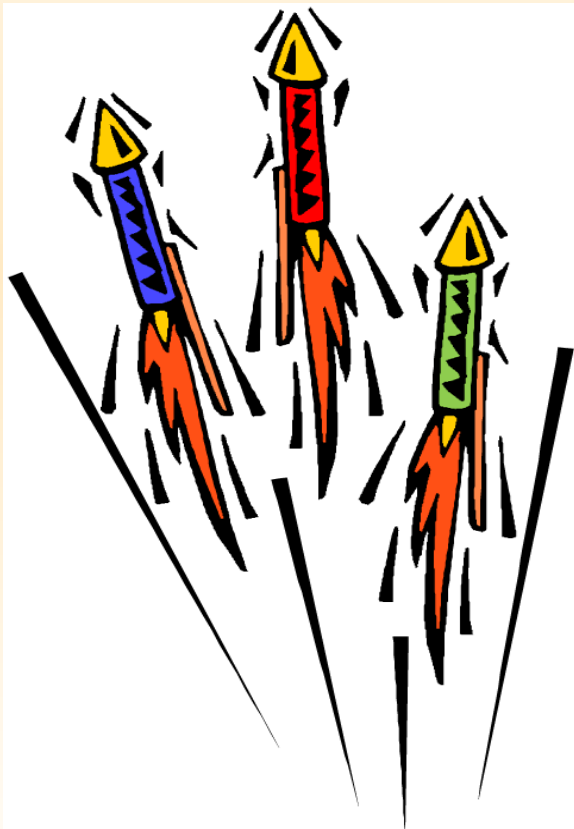


MISSION FIRST...PEOPLE ALWAYS...ONE TEAM



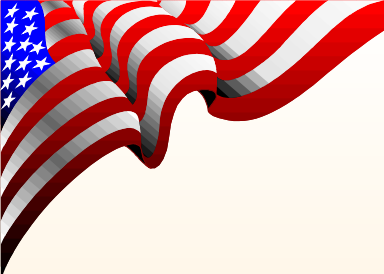
# *Fireworks Safety*





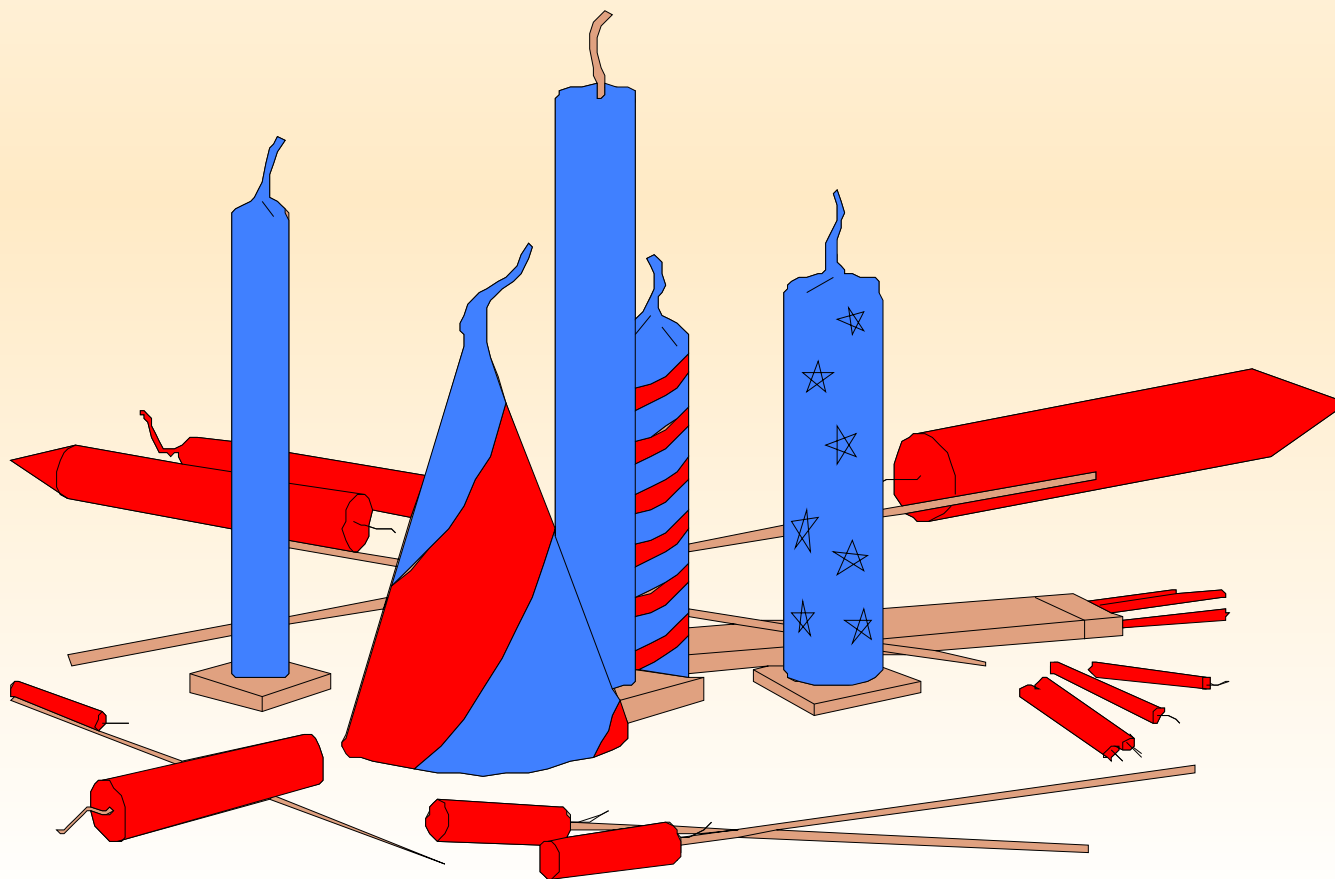
# **Overview**

- **Who is Injured?**
- **When and Where do Injuries Occur?**
- **Types of Injuries**
- **Types of Fireworks**
- **Prevention Tips**



# The Problem

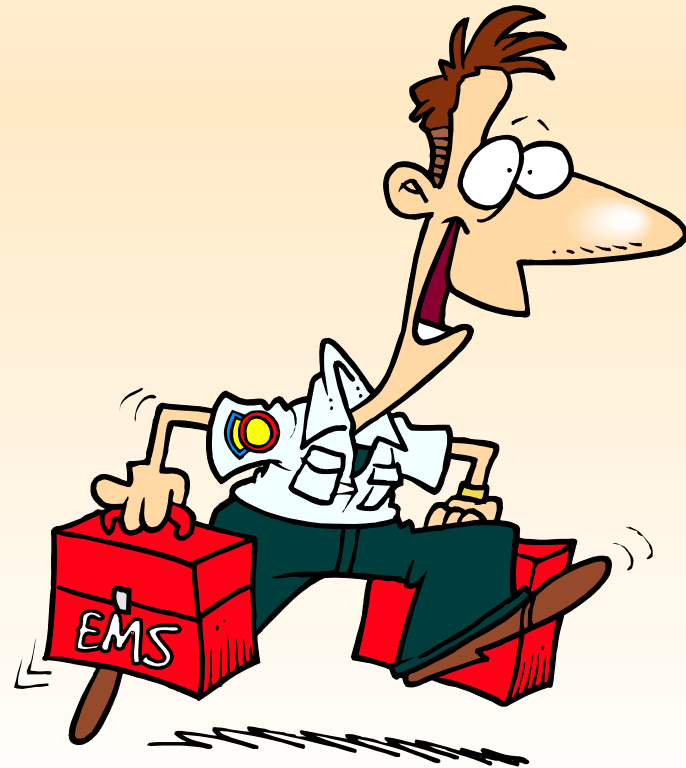
- How extensive is the problem?





# The Problem

- **Malfunction and careless use of fireworks results in thousands of injuries annually.**





# Injuries

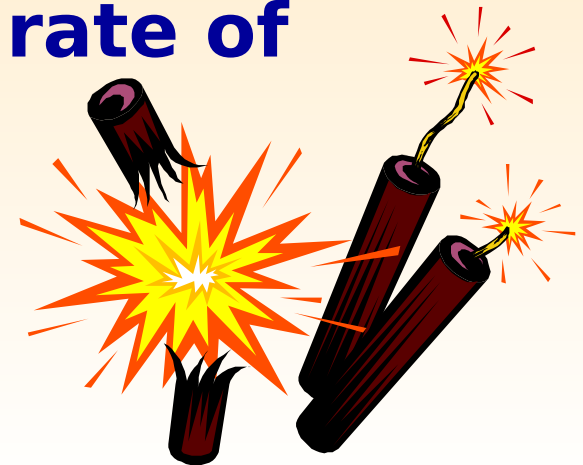
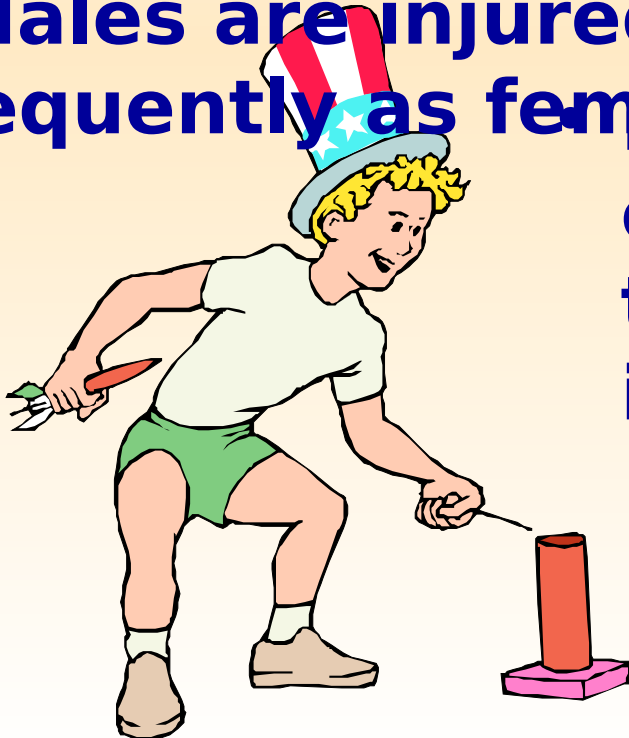
- Who is most likely to be injured?





# Injuries

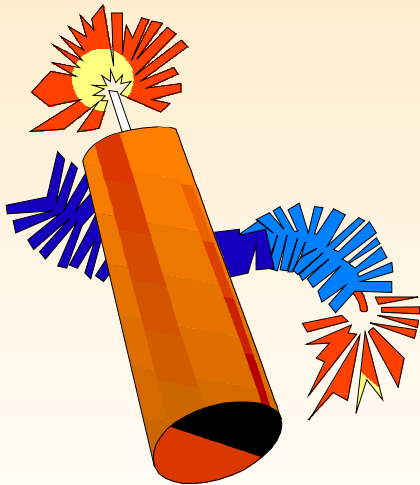
- Over 40% of those injured from fireworks are children 14 years of age and younger.
- Males are injured three times as frequently as females. Boys between the ages of 10 and 14 years have the highest rate of injury.





# When and Where

- When and Where Do These Injuries Happen?





# When and Where

- Injuries occur on and around holidays associated with fireworks celebrations, especially Independence Day. Two-thirds of all fireworks injuries occur during the month of July.

HAPPY 4TH

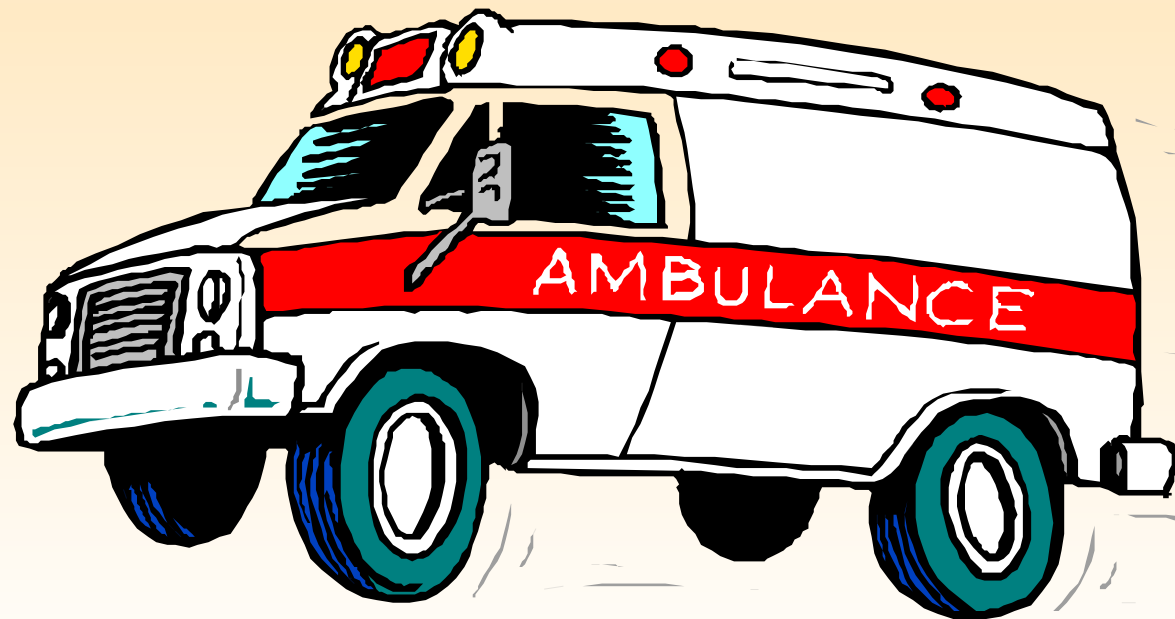
- Homes are where most of these injuries occur, followed by recreational settings, streets or highways, and parking lots or occupational settings.





# Types of Injury

- What kinds of injuries occur?





# **Types of Injury**

- **Fireworks-related injuries most frequently involve hands and fingers (38%), and eyes (19%).**

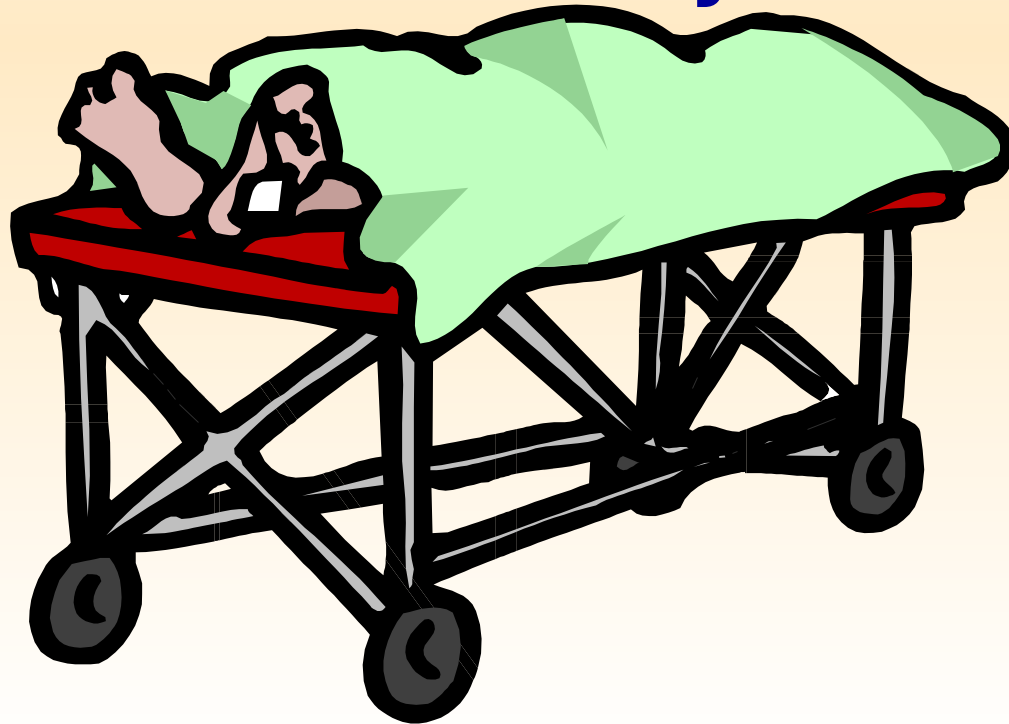


- **About half of the injuries are burns, especially to the face, hand, wrist, or arm. A small percentage of firework-related injuries lead to the amputation of hands or fingers.**



# Types of Injury

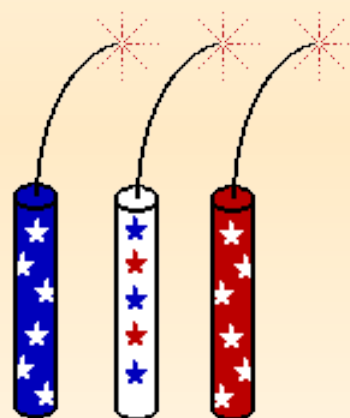
- **Fireworks can be life-threatening. In 1997, seven people were killed from fireworks-related injuries.**





# Types of Fireworks

- What types of fireworks are associated with the most injuries?



## BOTTLE ROCKETS

MOTOR: 1/4" IN DIAMETER  
1-1/2" LONG  
STICK: 12" LONG  
COLOR: VARIED



## CHERRY BOMBS

APPROX. 7/8" IN DIAMETER  
COLOR: RED





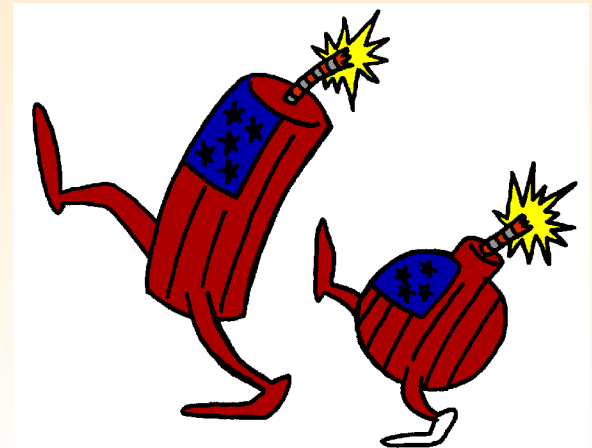
# **Types of Fireworks**

- **Nearly two thirds of fireworks-related injuries are caused by backyard, "class C" fireworks such as firecrackers, bottle rockets, Roman candles, fountains, and sparklers, that are legal in many states.**
- **Specifically, fireworks-related injuries are most commonly associated with firecrackers (51%), bottle rockets (12%), and sparklers (7%).**



# **Types of Fireworks**

- The most severe injuries are typically caused by "class B" fireworks, such as rockets, cherry bombs and M-80s, which are federally banned from public sale.**
- Illegal firecrackers represent 29% of all firecracker injuries.**





# Preventio

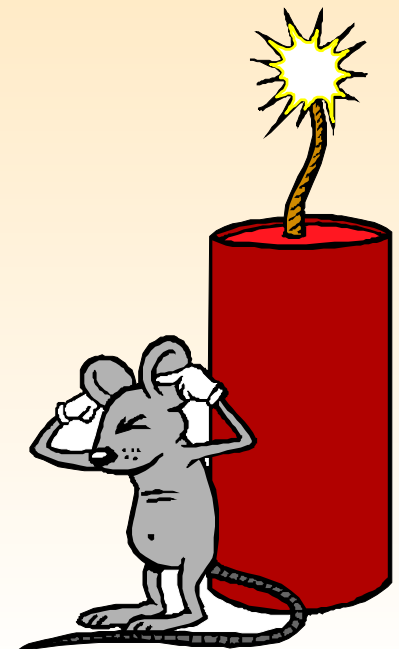
- What is the safest way to prevent fireworks injuries?





# Preventio n

- Prohibit children less than 14 years old from using fireworks and supervise older children.
- Read and follow all warnings and instructions.
- Only use fireworks outdoors and keep them away from houses and flammable materials.
- When using fireworks, have a bucket of water nearby.







# Preventio

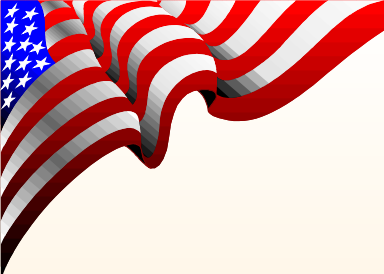
- Be sure other people are out-of-range and a safe distance away before lighting fireworks.
- Never ignite fireworks in a container (especially a glass or metal container).
- Never experiment or attempt to make your own fireworks.
- Alcohol and fireworks do NOT mix.



# Preventio

n

- Always store your fireworks in a cool dry place.
- Only light one item at a time.
- Never try to re-ignite malfunctioning fireworks.
- Never throw or point fireworks at another person.
- Never carry fireworks in your pocket.
- Always read and FOLLOW directions on the label.



# Summary

- **CPSC advises consumers to leave fireworks to the professionals**



**But if fireworks are legal where you live and you decide to set them off on your own, be sure to follow the provided safety tips.**

- **Use Common Sense!**
- **And Have a Happy 4<sup>th</sup> of July!**